

DERWENT-ACC-NO: 1985-072395  
DERWENT-WEEK: 198512  
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TITLE: Double-layered glass - with photocurable adhesive  
applied between  
spacer and plate or on edge of glass plate, prior to UV  
irradiation

PATENT-ASSIGNEE: SHOWA DENKO KK[SHOW]

PRIORITY-DATA: 1983JP-0131868 (July 21, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 60027628 A	February 12, 1985	N/A
004	N/A	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP60027628A	N/A	1983JP-0131868
July 21, 1983		

INT-CL\_(IPC): B32B003/10; B32B017/10 ; C03C027/06

ABSTRACTED-PUB-NO: JP60027628A

BASIC-ABSTRACT: Glass is produced by providing spacers  
between glass plates  
arranged in parallel, applying photo-curable adhesive between  
the spacer and  
the glass plate or onto the circumference of the glass  
plates, followed by  
curing by UV irradiation.

Spacer is e.g. of Al, Fe, PVC or ABS resin. Adhesive is  
pref. monomer and/or  
oligomer type, and contains photo-sensitiser e.g. benzoin,  
benzoylalkylether,  
benzophenone etc. The monomer is e.g. ethyl(metha)acry late,  
glycidyl(metha)acrylate, a combination of diethyleneglycol  
diacrylate and  
ethylenethioglycol etc. Oligomer is e.g. epoxyacrylate,  
urethane acrylate,  
polyester acrylate, polyetheracrylate, etc.

USE - As window glass, esp. in cold regions.

CHOSEN-DRAWING: Dwg.0/4

TITLE-TERMS:

DOUBLE LAYER GLASS PHOTOCURABLE ADHESIVE APPLY SPACE PLATE  
EDGE GLASS PLATE  
PRIOR ULTRAVIOLET IRRADIATE

ADDL-INDEXING-TERMS:

POLYVINYL CHLORIDE ABS POLYACRYLONITRILE POLYBUTADIENE  
POLYSTYRENE

DERWENT-CLASS: A93 E14 L01 P73

CPI-CODES: A08-C01; A11-C02B; A12-B05; A12-R04; A12-R08;  
E10-E04M; E10-F02A;  
E10-H01; L01-H05; L01-H07;

CHEMICAL-CODES:

Chemical Indexing M3 \*01\*

Fragmentation Code

G010 G019 G100 H401 H481 H541 J5 J581 M121 M131  
M150 M210 M211 M212 M213 M214 M215 M216 M220 M221  
M222 M223 M224 M225 M226 M231 M232 M233 M272 M280  
M281 M311 M320 M321 M343 M371 M391 M414 M510 M520  
M531 M532 M540 M781 M903 Q331 Q343 Q452 R043 R045

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0993U; 0994U ; 1595U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0036 0203 0209 0224 0229 0231 0307 3161 0377  
0493 0494 0499 3018  
3019 3024 3046 3047 3052 0500 0501 0506 3025 3026 3031 3053  
3054 3059 0542 0543  
0548 0605 0606 0611 0759 1096 1170 1171 1176 1279 1282 1288  
1294 1630 1631 1636  
3204 3205 2016 2020 2021 2079 2194 2198 2300 2428 3317 2488  
2493 2508 2682 2695  
3267

Multipunch Codes: 014 03- 034 04- 05- 055 056 061 062 063 072  
074 076 077 081  
083 085 117 122 130 133 143 147 150 157 226 231 239 28& 336  
341 347 353 359 37-  
398 424 431 44& 446 473 477 48- 546 57& 58- 609 613 615 681  
688 720 723

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1985-031685

Non-CPI Secondary Accession Numbers: N1985-054002